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**CITY AND COUNTY OF DENVER****DEPARTMENT OF ENVIRONMENTAL HEALTH**

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July 25, 2005

Victor Ketellapper, P.E.  
Project Manager  
U.S. Environmental Protection Agency – Region VIII  
Superfund Program  
999 18th St., Suite 300  
Denver, Colorado 80202-24662005 JUL 26 PM 1:17  
EPA REGION VIII  
SUPERFUND BRANCH

Dear Mr. Ketellapper:

The June (2005) monthly status report for the VB/I-70 Community Health Program is appended. The current report has been modified in format to allow for more detailed subcommittee reporting. As always, please feel free to contact me if you have any questions or would like to modify the content, format, or distribution of future reports.

Sincerely,

Martha F. Hoff, CIH, CSP  
VB/I-70 Community Health Program Administrator

Enclosure (5)

VB/I-70 Community Health Education and Outreach Plan June 2005 Report  
VB/I-70 CHP Steering Committee June 2005 Report  
VB/I-70 CHP Arsenic Data and Case Management Subcommittee June 2005 Report  
VB/I-70 CHP Health Education and Community Outreach Subcommittee June 2005 Report  
VB/I-70 CHP Biomonitoring Subcommittee June 2005 Report

cc:

Lorraine Granado – Cross Community Coalition  
Beverly Lumumba, Ph.D. – Clayton Neighborhood Association  
Michael Maes – Swansea Neighborhood  
Gloria A. Shearer – Cole Neighborhood Association  
Akwe Starnes – Whittier Neighborhood Association  
Anthony Thomas – Civic Association of Clayton  
Jim Weaver – Cole Neighborhood Association  
Raquel Holquin – CEASE  
Joan Hooker – Clayton Neighborhood Association

(via email only):

Sandy Douglas – Cole Neighborhood Association  
Celia VanDerLoop – City and County of Denver, Department of Environmental Health  
Bill Benerman – City and County of Denver, Department of Environmental Health  
Gene Hook – City and County of Denver, Department of Environmental Health  
Jason Salas – City and County of Denver, Department of Environmental Health  
Beverly Tafoya-Dominguez – City and County of Denver, Department of Environmental Health  
Jennifer Chergo – U.S. Environmental Protection Agency, Region VIII  
Patricia Courtney – U.S. Environmental Protection Agency, Region VIII  
Jane Mitchell – Colorado Department of Public Health and Environment  
Mishelle Macias – Colorado Department of Public Health and Environment  
Wendy Hawthorne – Northeast Denver Housing Center  
Clementine Pigford – Northeast Denver Housing Center  
Paul Melinkovich, M.D. – Denver Health and Hospital Authority  
Mark Anderson, M.D. – Denver Health and Hospital Authority/PEHSU  
Chris Poulet – Agency for Toxic Substances and Disease Registry  
George Weber – George Weber Inc. Environmental

**Vasquez Boulevard/I-70 Community Health Education and Outreach Plan  
Community Health Program Update – June 2005**

<b>Program Area</b>	<b>June Tasks/Activities</b>	<b>July Tasks/Activities</b>	<b>Future Tasks/Activities</b>
<b>Health Education And Community Outreach</b>	<p><b>Health Education</b></p> <p><b>Community Health Workers</b></p> <ul style="list-style-type: none"> <li>➤ Continued canvassing activities – 2001 contacts made, 665 home visits completed, 44 access agreements signed through June.</li> <li>➤ Attended June CHP subgroup meeting and neighborhood organization meetings.</li> <li>➤ Assisted at biomonitoring clinics on 6/1, 6/14, 6/21, and 6/28.</li> </ul> <p><b>Program Development</b></p> <ul style="list-style-type: none"> <li>➤ Submitted documents to EPA for 2005/2006 program year cooperative agreement.</li> <li>➤ Instituted flagging system for addresses with hazardous conditions (e.g. dogs, weapons).</li> <li>➤ Finalized insurance language for NDHC contract.</li> <li>➤ Developed announcement/application packet for Small Grants process.</li> <li>➤ Determined insurance requirements for pending CHW independent contractor status.</li> <li>➤ Continued community outreach to generate list of candidates additional CHW positions.</li> </ul>	<p><b>Health Education</b></p> <p><b>Community Health Workers</b></p> <ul style="list-style-type: none"> <li>➤ Continue canvassing outreach.</li> <li>➤ Attend community meetings/events, Working Group, CHP Group, and weekly Friday meetings.</li> <li>➤ Continue to attend weekly Friday meetings.</li> <li>➤ Assist in July biomonitoring outreach and support clinics.</li> </ul> <p><b>Program Development</b></p> <ul style="list-style-type: none"> <li>➤ Initiate City process for 2005/2006 Cooperative agreement after EPA approval received.</li> <li>➤ Translate Small Grants announcement/application packet.</li> <li>➤ Distribute Small Grants announcement/application packets; post announcements at community venues.</li> <li>➤ Finalize NDHC contract; submit for signature.</li> <li>➤ Finalize CHW contracts.</li> <li>➤ Begin candidate interviews candidates for CHW position openings.</li> <li>➤ Print and distribute business cards to CHW's.</li> </ul>	<p><b>Health Education</b></p> <p><b>Community Health Workers</b></p> <ul style="list-style-type: none"> <li>➤ Attend cultural diversity workshop.</li> </ul> <p><b>Program Development</b></p> <ul style="list-style-type: none"> <li>➤ Schedule training for new CHW's.</li> <li>➤ Review original training content and format to streamline training of new CHW's.</li> <li>➤ Schedule cultural diversity workshop for CHW's.</li> <li>➤ Define additional program outreach methods (e.g. school programs, community events, media campaigns).</li> <li>➤ Partner with EPA in media campaign.</li> <li>➤ Finalize preschool/daycare presentation; schedule presentations.</li> </ul>

<b><u>Program Area</u></b>	<b><u>June Tasks/Activities</u></b>	<b><u>July Tasks/Activities</u></b>	<b><u>Future Tasks/Activities</u></b>
<b>Health Education And Community Outreach</b>	<ul style="list-style-type: none"> <li>➤ Finalized template for CHW business cards.</li> <li>➤ Further developed drafts for new outreach documents on Mexican candy (lead-tainted), costume jewelry (lead content), and yard lead hot spots.</li> <li>➤ Finalized release letters for KAPS test results to parents.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Complete document development and revisions for identified outreach materials.</li> <li>➤ Purchase bottled water, sunscreen, and other "survival" material for CHW's canvassing in 100°F heat.</li> </ul>	
	<b>Data Management/Evaluation</b> <ul style="list-style-type: none"> <li>➤ Developed tentative evaluation timeline.</li> <li>➤ Received and merged updated EPA database with community office database.</li> </ul>	<b>Data Management/Evaluation</b> <ul style="list-style-type: none"> <li>➤ Continue to track field contact metrics for evaluation of contact rates, event/meeting attendance, and access agreements.</li> <li>➤ Assess needs for database development.</li> </ul>	<b>Data Management/Evaluation</b> <ul style="list-style-type: none"> <li>➤ Design report format for field contact metrics, event/meeting attendance, and CHW accountability.</li> <li>➤ Establish procedure to conduct post-visit evaluation of outreach efforts through resident interviews.</li> </ul>
	<b>Community Partnership</b> <ul style="list-style-type: none"> <li>➤ Participated in CHP Group meeting (6/16) – agenda items included: hiring additional CHW's, small grants process, biomonitoring outreach, and canvassing progress – notes available (Jennifer Chergo/EPA).</li> <li>➤ Assessed costs of folder presentation and color indexing system (materials and labor).</li> <li>➤ Participated in Outreach Development Group (ODG) meeting on 6/17 focusing on biomonitoring clinic outreach materials – notes available.</li> </ul>	<b>Community Partnership</b> <ul style="list-style-type: none"> <li>➤ Develop July through September biomonitoring clinic outreach plan and materials (flyers and posters).</li> <li>➤ Review final drafts of new outreach material on lead-tainted Mexican candy, costume/vending machine jewelry, and hot spots.</li> <li>➤ Attend CEASE meeting, upon invitation, to provide information during document review</li> <li>➤ Continue to support community and EPA partnership efforts in obtaining remaining access agreements.</li> <li>➤ Determine resource availability for folder/dividers presentation of outreach material.</li> </ul>	<b>Community Partnership</b> <ul style="list-style-type: none"> <li>➤ Define and develop second program year outreach messages, methods, audiences and materials.</li> <li>➤ Provide cultural diversity workshop for attendance by all CHW's.</li> </ul>

	<u><b>June Tasks/Activities</b></u>	<u><b>July Tasks/Activities</b></u>	<u><b>Future Tasks/Activities</b></u>
	<ul style="list-style-type: none"> <li>➤ Provided CEASE with eight notebooks containing all current outreach materials</li> <li>➤ Meet with Dr. Beverly LuMumba (Clayton) to discuss current CHP and historical Superfund issues; cultural diversity with respect to canvassing/program goals; the Healthy Children Partnership; and the importance of youth in achieving community program goals.</li> <li>➤ Reviewed business card template with ODG.</li> <li>➤ Worked with community to generate list of potential new CHW's.</li> <li>➤ Combined CHP group meeting with clinic evaluation/planning meeting; scheduled to meet weekly from July through October 2.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Provide door flyers to community organizations so that youth can distribute prior to each clinic.</li> <li>➤ Continue to generate list of potential new CHW's.</li> </ul>	
<b>Biomonitoring</b>	<b>Biomonitoring Clinics</b> <ul style="list-style-type: none"> <li>➤ Revised clinic outreach door flyers.</li> <li>➤ Developed and distributed biomonitoring posters and table flyers with June schedule.</li> <li>➤ Incorporated June biomonitoring schedule into CHW outreach material.</li> <li>➤ Developed biomonitoring outreach task matrix incorporating all agencies' tasks/responsibilities.</li> <li>➤ Identified ways to maximize CHW impact on residents' participation in clinics.</li> </ul>	<b>Biomonitoring Clinics</b> <ul style="list-style-type: none"> <li>➤ Provide CHW's to support biomonitoring outreach and clinics.</li> <li>➤ Develop outreach materials for July – October biomonitoring clinics: door flyers, table flyers, banner, posters, and CHW outreach materials.</li> </ul>	<b>Biomonitoring Clinics</b> <ul style="list-style-type: none"> <li>➤ Conduct process improvement review of 2005 clinics to increase participation and efficiency for 2006 clinics.</li> </ul>

	<u><b>June Tasks/Activities</b></u>	<u><b>July Tasks/Activities</b></u>	<u><b>Future Tasks/Activities</b></u>
	<ul style="list-style-type: none"> <li>➤ Scheduled weekly clinic evaluation/planning meetings for July through October 2.</li> </ul>		
<b>Case Management</b>	<b>Case Management</b> <ul style="list-style-type: none"> <li>➤ No residents with elevated lead or arsenic identified as of May 2005.</li> </ul>	<b>Case Management</b>	<b>Case Management</b>

**VB/I-70 Community Health Program  
June 2005 Status Report  
Steering Committee Report**

<b>Steering Committee</b>	
US EPA Region VIII	Victor Ketellapper
	Patricia Courtney
DEH	Celia VanDerLoop
	Gene Hook
	Jay Salas
	Martha Hoff - <b>chair</b>
ATSDR	Chris Poulet
DHHA	Paul Melinkovich, MD
PEHSU	Mark Anderson, MD
CDPHE	Mishelle Macias
	Jane Mitchell
Community	Gloria Shearer

<b>Steering Committee Tasks</b>
<ol style="list-style-type: none"> <li>1. Develop a Memorandum of Agreement (MOA) describing the roles of various agencies, responsibilities, reporting, information flow, and general funding responsibilities. <i>pending review – Denver City Attorney's Office</i></li> <li>2. Provide regular updates on program activities as required. <i>ongoing</i></li> <li>3. Review, approve, and coordinate planning, reporting, and activities of the program, Steering Committee, and its subcommittees. <i>ongoing</i></li> <li>4. Resolve disputes that arise through the course of the program and issues that are not resolved in subcommittees. <i>as necessary</i></li> <li>5. Identify, develop, and approve needed policies for effective program operation. <i>ongoing</i></li> <li>6. Coordinate between remedy implementation and community health program operations. <i>ongoing</i></li> <li>7. Provide necessary coordination and transfer of program data. <i>ongoing</i></li> <li>8. Provide oversight to the planning, implementation, and evaluation of the program. <i>ongoing</i></li> <li>9. Review program evaluation methods and results; modify program as necessary. <i>ongoing</i></li> </ol>

<b>June Activities and Tasks</b>
<ol style="list-style-type: none"> <li>1. No steering committee meeting was held in June as the committee moved to an every-other-month schedule.</li> <li>2. DEH issued May 2005 status report for program, steering committee, and subcommittee activities.</li> <li>3. MOA – pending review by City Attorney's Office.</li> <li>4. Biomonitoring and Outreach subcommittees met 06/22/2005 to discuss interrelated evaluation measures and program evaluation.</li> <li>5. DEH submitted second program year cooperative agreement documents to EPA.</li> </ol>
<b>July Activities and Tasks</b>
<ol style="list-style-type: none"> <li>1. Meet July 27, 2005 – Webb Building, 10<sup>th</sup> Floor, Room 10.G.2, noon; subcommittees to provide updates.</li> </ol>

2. Submit June status for program, steering committee, and subcommittee activities to EPA.
3. Develop initial report format for program measures (DEH); review with committee members.
4. Review revised subcommittee reporting process.
5. DEH to assess status of MOA at City Attorney's Office.
6. DEH to steward second year cooperative agreement through City process, once EPA approval received.
7. Jane Mitchell, CDPHE, will review arsenic notification and case management processes with Steering Committee (07/27/2005).

#### **Future Activities and Tasks**

1. Sign MOA.
2. Complete all necessary steps required by City to accept second program year funding (cooperative agreement).
3. Review first program year measures and evaluation.



**VB/I-70 Community Health Program  
June 2005 Status Report  
Subcommittee Report**

<b>Arsenic Data and Case Management Subcommittee</b>	
US EPA Region VIII	Wendy O'Brien or alternate
DEH	Gene Hook
CDPHE	Jane Mitchell - chair

<b>Arsenic Data and Case Management Subcommittee Tasks</b>
<ol style="list-style-type: none"> <li>1. Identify and select preferred reporting methods and format for arsenic data. <b>[In progress]</b></li> <li>2. Develop a quality assurance and quality control plan for arsenic data management. <b>[Complete]</b></li> <li>3. Develop a secure database system to assist with arsenic data management, reporting, and tracking. <b>[In progress]</b></li> <li>4. Develop acceptable case tracking protocols. <b>[In progress]</b></li> <li>5. Develop case coordination protocols. <b>[Pending]</b></li> <li>6. Identify appropriate trigger levels for case management and case coordination. <b>[In progress]</b></li> <li>7. Develop evaluation and reporting mechanisms, and schedule for arsenic data and case management issues. <b>[In progress]</b></li> <li>8. Report to the Steering Committee on progress, status, and issues requiring resolution. <b>[On-going]</b></li> </ol>

<b>June Activities and Tasks</b>
<p>Began development of draft protocols for arsenic data reporting and tracking, and for case management and coordination;          Finalized database structure and search capabilities; began development of automated database reporting;          Began development of evaluation matrix for arsenic data management/ case management.</p>
<b>July Activities and Tasks</b>
<p>Schedule subcommittee meeting to review draft protocols and data format for data reporting and tracking (end of July);          Schedule subcommittee meeting to review draft protocols and data format for case management and coordination (end of July);          Continue development of evaluation matrices.</p>
<b>Future Activities and Task</b>
<p>Complete draft QA/QC report and circulate for subcommittee comment and approval (August 31);          Finalize data reporting, tracking and case management coordination protocols (August 15).</p>

**VB/I-70 Community Health Program  
June 2005 Status Report  
Subcommittee Report**

<b>Health Education and Community Outreach Subcommittee</b>	
US EPA Region VIII	Patricia Courtney – adjunct member
DEH	Jay Salas
	Beverly Tafoya-Dominguez – <b>chair</b>
DHHA	Marti Potter – adjunct member
ATSDR	Chris Poulet – adjunct member
Community	Gloria Shearer, Anthony Thomas

<b>Health Education and Community Outreach Subcommittee Tasks</b>
<ol style="list-style-type: none"> <li>1. Develop plans for outreach and program recruitment methods. <i>Complete, with ongoing evaluation.</i></li> <li>2. Work with communities to identify preferred testing locations, to develop preferred program advertisement methods, and to define recruitment strategies to help maximize program participation. <i>Ongoing</i></li> <li>3. Develop materials for use during education and outreach activities. <i>Complete, with ongoing revisions and development as identified (see #6)</i></li> <li>4. Develop distribution plans for outreach and educational materials. <i>Ongoing</i></li> <li>5. Develop evaluation and reporting mechanisms for education and outreach activities. <i>Ongoing, within CHP program development activities</i></li> <li>6. Develop a plan for on-going communication and feedback regarding health education and outreach materials, and the identification of program revisions, as needed. <i>Ongoing</i></li> <li>7. Report to the Steering Committee on progress, status, and issues requiring resolution. <i>Ongoing</i></li> </ol>

<b>June Activities and Tasks</b>
<p>June: Final approval of Window Cleaning document and business cards. Discussion and preliminary development of hotspots document, jewelry document. Initial approval for changes made to candy documents.</p> <p>Review of bio-monitoring clinic outreach activities suggested by the VB/I-70 CHEOP planning group (2003-2004) with plan update and bio-monitoring clinic outreach material approval and refinement if needed.</p>
<b>July Activities and Tasks</b>
<p>July 1 meeting rescheduled for 7/6/05 at 12:30pm. CEASE to meet and review educational materials distribution plan initially developed by the VB/I-70 CHEOP planning group (2003-2004) and revise to decrease the amount and complexity of the documents distributed. Next meetings will work with the CHP team and ODG to implement recommendations by CEASE group. Refine clinic outreach documents. Preliminary approval process for Jewelry Doc. Final approval for Hot Spot document.</p>
<b>Future Activities and Tasks</b>
<p>Ongoing development of the special educational materials folder to be distributed in 2006.</p>

**VB/I-70 Community Health Program  
June 2005 Status Report  
Subcommittee Report**

<b>Biomonitoring Subcommittee</b>	
US EPA Region VIII	Wendy O'Brien or alternate
DEH	Gene Hook
DHHA	Marti Potter
	Linda Kauffman
CDPHE	Mishelle Macias – <b>co chair, Lead</b>
	Jane Mitchell – <b>co chair, Arsenic</b>
Community Technical Advisor	Michael Kosnett, MD (CEASE)
ATSDR	Chris Poulet
DHHA	Paul Melinkovich, MD
PEHSU	Mark Anderson, MD

<b>Biomonitoring Subcommittee Tasks</b>
<ol style="list-style-type: none"> <li>1. Identify and select preferred biological media and test methods for arsenic and lead biomonitoring. <b>Complete</b></li> <li>2. Recommend preferred methodologies for biological sample collection. <b>Complete</b></li> <li>3. Develop a quality assurance/quality control plan for biomonitoring program.</li> <li>4. Identify and evaluate suitable laboratory protocols and assist with selection of acceptable analytical laboratories with a demonstrated ability to meet program data quality requirements. <b>Complete</b></li> <li>5. Develop required consent agreements to provide informed consent for community members considering participation in biomonitoring program. <b>Complete</b></li> <li>6. Coordinate with DHHA to address HIPPA concerns with blood lead biomonitoring activities and to provide required data confidentiality. <b>Complete</b></li> <li>7. Develop mechanisms to ensure the medical confidentiality of biomonitoring information. <b>Complete</b></li> <li>8. Ensure that appropriate state IRB reviews are conducted, if required, and coordinate with DHHA to determine need for COMIRB review. <b>Complete</b></li> <li>9. Interface with the community outreach and health education planning process as needed. <b>Complete</b></li> <li>10. Develop evaluation and reporting mechanisms, and schedule for biomonitoring issues, as requested by the steering committee. <b>Ongoing</b></li> <li>11. Report to the Steering Committee on progress, status, and issues requiring resolution. <b>Ongoing</b></li> </ol>

<b>June Activities and Tasks</b>
<ol style="list-style-type: none"> <li>1. A new employee for the Lead Biomonitoring Program, Mariska Osborne-Wells, started and is undergoing training. She was trained in finger-stick sampling is functional for the lead biomonitoring clinics.</li> </ol>

2. Staff worked with the print shop to ensure printing of forms and ordered supplies for biomonitoring sites.
3. Four biomonitoring clinics were held during the month. They were held at the Curtis Park office, Swansea, Cole and Elyria neighborhoods. Fifty-six children were screened for lead; four pregnant women were screened; and one adult was screened. No elevated lead levels reported. There was also a total of nine urine arsenic and two hair arsenic tests completed during these clinics. The most successful site in terms of participation was Cole. Dates of clinics were 6/1 at Curtis Park; 6/14 at Swansea; 6/21 at Cole; 6/28 at Elyria
4. Lead Program manager attended the Evaluation committee meeting on June 22, 2005. Staff attended the after-clinic meeting and offered suggestions on how to reach more families for the clinics.  
Finalized schedule of all biomonitoring clinic locations for the 2005 field season.
5. Began development of evaluation matrix.

#### **July Activities and Tasks**

1. Possible five clinics are scheduled for July in various neighborhoods. Some are still awaiting confirmation. Confirmed are: 7/6 King Trimble; 7/19 Swansea Recreation Center; and 7/27 Johnson Recreation Center.
2. Mishelle Macias has asked Jane Mitchell to demonstrate the database she created for Arsenic, which will include lead data – 7/6/05.
3. Data will be entered and reported as necessary to subcommittees by 7/30/05 or as requested.
4. Send result letters to all participants tested for arsenic at June clinics (mail letters no later than one week after lab results received).
5. Have staff attend weekly follow-up and planning meetings with community members and other agency staff.

#### **Future Activities and Tasks**

1. Confirmation of biomonitoring clinics is ongoing. Set up new sites, as necessary.
2. Data reporting is ongoing.
3. Continue development of evaluation matrix.